

M/s Al-Hadeed Industries – Increasing Productivity, Reducing Costs



Improved Welding Process

“This initiative is really useful and of great timing. Our company has really benefitted through the project and we are able to increase our productivity without any extra investments”

Mr. Masood Abbas Khan
Director, Al-Hadeed Industries

ESPIRE is a partnership project between bfz gGmbH, Business associations, and SMEDA.

By partnering with ESPIREgreen, industries are taking responsibility to reduce environmental impact of operations and improving resource efficiency cost effectively by adopting the following four services:

- **Chemical Management (CM) Assessment** to identify Waste Streams and Risks in Chemical Flow and recommendations for Risk Mitigation and Wastage Reduction
- **Productivity Assessments** to analyze Process and Material Flows, identify Production Wastes and recommendations for improving Productivity
- **Resource Efficiency (RE) Assessment** to identify waste streams in processes and facilities and recommendations for Wastage Reduction through Good Housekeeping
- **Training of Companies** on Green Productivity issues like Health, Safety, Environment etc. to build an enabling environment for sustainability

Background

M/s Al-Hadeed Industries (Private) Limited is a diversified engineering Company which has been manufacturing customized products for various national & multinational customers with the help of wide range of In-House facilities and a well-trained, experienced & dynamic team.

ESPIRE Intervention

In February 2015, Mr. Masood Abbas Khan, Director, showed interest in the Productivity Assessment services offered by ESPIREgreen (see description on the left).

During a Productivity Assessment the production line of the main component was selected for having highest monetary impact for the company. Through the assessment, opportunities for cycle time improvement and defect reduction were identified at three stations.

A Team was formed and trained to ensure sustainability at the company to improve productivity further without the need of external support.

For 3 months the consultant assigned by ESPIREgreen monitored and supported implementation, documented the progress and quantified the realized cost savings.

Achievements

Al-Hadeed achieved improvement in quality and reduction in cycle time at all selected stations which resulted in annual cost reduction of of 3.9 Million PKR without any investment.

